



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

LILIP LAU ET AL.

Patent No.: 7,077,802 B2

Issued: July 18, 2006

Serial No: 10/714,189

Filed: November 13, 2003

For: EXPANDABLE CARDIAC
HARNESS FOR TREATING
CONGESTIVE HEART FAILURE

Examiner: Samuel G. Gilbert

Group Art Unit: 3762

Client ID/Matter No: PARCR 65988

September 1, 2006
Los Angeles, California

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Correction Department
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The above-identified patent has been found to have the errors set forth in the enclosed Certificate of Correction. It is requested that this Certificate of Correction be issued and returned to us. Since these errors occurred in the final printing phase of the patent and in the final application, a check in the amount of \$100.00 is enclosed to cover

Certificate
SEP 11 2006
of Correction

09/07/2006 TBESHAH1 00000035 7077802
the final printing phase of the 00 OP

SEP 12 1966

the necessary fees. If any additional fees are needed, please charge Deposit Account No. 06-2425.

The errors are verifiable in the patent application file as follows:

ERROR

APPLICATION FILE

Title page, Item 56, U.S. PATENT DOCUMENTS, insert --U.S. Serial No. 10/704,376 11/2003 Lau--.

Information Disclosure Statement considered by Examiner on August 14, 2005. See Attachment.

Column 1, line 7, delete "09/952.116" and insert --09/952,116--.

Printing error.

Column 16, line 64, delete "elevated:venous" and insert --elevated venous--.

Patent application filed on November 13, 2003, page 25, line 4. See Attachment.

Column 19, line 5, delete "this" and insert --This--.

Applicant error

Column 19, line 56, delete "26a." and insert --26a,--.

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These errors occurred in good faith and correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. It is requested that a Certificate of Correction be issued and returned to us.

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

SEP 12 2005

A duplicate of this document is attached.

Respectfully submitted,

FULWIDER PATTON LLP

By: _____

John S. Nagy

Registration No. 30,664

JSN:ck

Enclosures

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6060 Center Drive, Tenth Floor
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/714,189
		Filing Date	November 13, 2003
		First Named Inventor	Lilip Lau
		Group Art Unit	3762
		Examiner Name	Unassigned
Sheet 10	of 10	Attorney Docket Number	PARCR 65988

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
[Handwritten Initials]		Melton, K.N., et al., <i>Alloys With Two-Shape Memory Effect</i> , <i>Mechanical Engineering</i> , pp. 42-43, March 1980	
		Chekanov, Valeri, M.D., Ph.D., <i>Nonstimulated Cardiomyoplasty Wrap Attenuated the Degree of Left Ventricular Enlargement</i> , <i>Annals of Thoracic Surgeons</i> , Vol. 57, pp. 1684-1690, 1997	
		Cohn, Jay N., M.D., <i>Preventing Congestive Heart Failure</i> , <i>American Family Physician</i> , 6 pages, april 15, 1998	
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		Pfeffer, Marc A., M.D., et al., <i>Ventricular Remodeling After Myocardial Infarction: Experimental Observations and Clinical Implications</i> , <i>Circulation</i> , Vol. 81, No. 4, pp. 1161-1172, April 1990	
		Gorman, J., <i>Self-Sutures: New Material Knots Up On Its Own</i> , <i>Science News</i> , Vol. 161, p. 262, April 27, 2002	
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		Chachques, Juan C., M.D., <i>Study of Muscular and Ventricular Function in Dynamic Cardiomyoplasty: A Ten-Year Follow-Up</i> , <i>The Journal of Heart and Lung Transplantation</i> , Vol. 16, No. 8, pp. 854-868, August 1997	
		Dullum, Mercedes K.C., M.D., et al., <i>Less Invasive Surgical Management of Heart Failure by Cardiac Support Device Implantation on the Beating Heart</i> , <i>The Heart Surgery Forum</i> , #2001-1818, pp. 361-363, January 4-7, 2001	
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		Thakur, Ranjan K., M.D., et al., <i>Latissimus Dorsi Dynamic Cardiomyoplasty: Role of Combined ICD Implantation</i> , <i>Journal of Cardiac Surgery</i> , Vol. 10, pp. 295-297, 1995	
		Cohn, Jay N., M.D., <i>The Management of Chronic Heart Failure</i> , <i>The New England Journal of Medicine</i> , Vol. 335, No. 7, pp. 490-498, August 15, 1996	
		Application for U.S. Letters Patent Serial No. 09/952,145 filed September 10, 2001 published on February 14, 2003 as Pub. No. 02-0019580-A1; Inventors: Lau et al.	
		Application for U.S. Letters Patent Serial No. 10/314,696 filed December 9, 2002 published on April 3, 2003 as Pub. No. 03-0065248-A1; Inventors: Lau et al.	
		Provisional Patent Application Serial No. 60/486,062 filed July 10, 2003; Inventors: Hong et al.	
		Application for U.S. Letters Patent Serial No. 10/698,237 filed October 31, 2003 published on July 29, 2004 as Pub. No. 04-0147805-A1; Inventor: Lau	
		Application for U.S. Letters Patent Serial No. 10/704,376 filed November 7, 2003; Inventor: Lau	
		Application for U.S. Letters Patent Serial No. 10/715,150 filed November 17, 2003 published on March 10, 2005 as Pub. No. 05-0055032; Inventor: Lau	
	Provisional Patent Application Serial No. 60/535,888 filed January 12, 2004; Inventors: Fishler et al.		

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO, Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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fibrosis, which is marked by collagen deposition leading to scarring. Consequently, an implant with less surface area in contact with the epicardium tends to generate less fibrosis on the surface of the heart. Excessive fibrosis can lead to a constrictive pericarditis and, ultimately, to elevated venous pressures with disastrous consequences.

5 Nitinol is especially suitable for the construction of the harness 4. It has the advantageous capability of being able to remain elastic over a great range of strain, up to 4%, which is greater than other metals. It generates a relatively benign foreign body response from tissue, and it is relatively magnetic-resonance-imaging-compatible, as it is not highly ferromagnetic. Nitinol is also corrosion- and fatigue-resistant. In addition,
10 metal such as Nitinol are more creep-resistant than polymeric or tissue based materials. In a passive elastic harness application, hinge 6 would be formed in an austenitic state at body temperature when no load is applied and the material is in a stress-free state. When the harness is placed on the heart, the contact pressure between the harness and the heart may stress-induce martensite within the otherwise austenitic structure.

15 The hinge elements can be made from wire, or they may be machined from sheet or tubing material, or a combination of these. In order to make such a structure out of Nitinol wire, the wire is wound and constrained in the desired configuration. It is then annealed at approximately 470°C for approximately 20 minutes to set the shape. Alternatively, Nitinol tubing can be machined with a laser to create the desired
20 structure. Another alternative is the photochemical etching of sheets of Nitinol. In both of these latter methods, a subsequent annealing can be performed.

In addition to varying the direction of elastic support, the extent of support or stiffness can be varied as well. Hinges of different shape or of different material dimensions can accomplish this. Because of the difference in compliance between the
25 left and right ventricles, it can be desirable to have the left side of the harness stiffer than the right side. This can be achieved in several ways. A harness structure can be constructed with stiffer hinges against the surface of the left ventricle than the right, as illustrated in FIG. 14. The hinges covering the left ventricle 22 are thicker, smaller, or otherwise stiffer than the hinges covering the right ventricle 24. Also shown in FIG. 14
30 are the individual strips 20 of hinges, as well as the interventricular septum 25, between left ventricle (LV) and right ventricle (RV).

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PTO/SB/21 (09-04)


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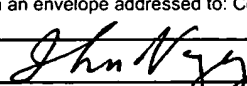
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM SEP 06 2006 U.S. PATENT & TRADEMARK OFFICE (to be used for correspondence after initial filing)	Application Number	10/714,189	
	Filing Date	November 13, 2003	
	First Named Inventor	Lilip Lau	
	Art Unit	3762	
	Examiner Name	Samuel G. Gilbert	
Total Number of Pages in This Submission		Attorney Docket Number	PARCR 65988

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		24201

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	FULWIDER PATTON LLP		
Signature			
Printed name	JOHN S. NAGY, ESQ.		
Date	September 1, 2006	Reg. No.	30,664

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on			
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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USPTO FEE TRANSMITTAL for FY 2006 SEP 06 2006 <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Complete if Known	
		Application Number	10/714,189
		Filing Date	November 13, 2003
		First Named Inventor	Lilip Lau
		Examiner Name	Samuel G. Gilbert
		Art Unit	3762
		Attorney Docket No.	PARCR 65988
TOTAL AMOUNT OF PAYMENT (\$)		\$100.00	

METHOD OF PAYMENT (check all that apply)
☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Deposit Account Number: 06-2425 Deposit Account Name: FULWIDER PATTON LLP

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☒ Charge any additional fee(s) or any underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	\$25.00	= \$0.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	\$100.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	0	0	(round up to a whole) x \$125.00	= \$0.00

4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Certificate of Correction

\$100.00

SUBMITTED BY			
Signature	<i>John Nagy</i>	Registration No. (Attorney/Agent)	30,664
Name (Print/Type)	JOHN S. NAGY, ESQ.		Telephone (310) 824-5555
		Date	September 1, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,077,802 B2

APPLICATION NO.: 10/714,189

ISSUE DATE : November 13, 2003

INVENTOR(S) : Lilip Lau et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, Item 56, U.S. PATENT DOCUMENTS,
insert --U.S. Serial No. 10/704,376 11/2003 Lau--.

Column 1,
Line 7, delete "09/952.116" and insert --09/952,116--.

Column 16,
Line 64, delete "elevated:venous" and insert --elevated venous--.

Column 19,
Line 5, delete "this" and insert --This--.
Line 56, delete "26a." and insert --26a,--.

MAILING ADDRESS OF SENDER:

John S. Nagy
Fulwider Patton LLP
6060 Center Drive, 10th Floor
Los Angeles, CA 90045

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Examiner: Samuel G. Gilbert

Group Art Unit: 3762

Client ID/Matter No: PARCR 65988

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Los Angeles, California

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A duplicate of this document is attached.

Respectfully submitted,

FULWIDER PATTON LLP

By:

John S. Nagy

Registration No. 30,664



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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/714,189
		Filing Date	November 13, 2003
		First Named Inventor	Lilip Lau
		Group Art Unit	3762
		Examiner Name	Unassigned
		Attorney Docket Number	PARCR 65988
Sheet 10	of 10		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
		Melton, K.N., et al., <i>Alloys With Two-Shape Memory Effect</i> , <i>Mechanical Engineering</i> , pp. 42-43, March 1980	
		Chekanov, Valeri, M.D., Ph.D., <i>Nonstimulated Cardiomyoplasty Wrap Attenuated the Degree of Left Ventricular Enlargement</i> , <i>Annals of Thoracic Surgeons</i> , Vol. 57, pp. 1684-1690, 1997	
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		Pfeffer, Marc A., M.D., et al., <i>Ventricular Remodeling After Myocardial Infarction: Experimental Observations and Clinical Implications</i> , <i>Circulation</i> , Vol. 81, No. 4, pp. 1161-1172, April 1990	
		Gorman, J., <i>Self-Sutures: New Material Knots Up On Its Own</i> , <i>Science News</i> , Vol. 161, p. 262, April 27, 2002	
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		Macris, Michael P. M.D., et al., <i>Minimally Invasive Access of the Normal Pericardium: Initial Clinical Experience with a Novel Device</i> , <i>Clinical Cardiology</i> , Vol. 22 (Suppl. 1), pp. 1-36 thru 1-39, 1999	
		Thakur, Ranjan K., M.D., et al., <i>Latissimus Dorsi Dynamic Cardiomyoplasty: Role of Combined ICD Implantation</i> , <i>Journal of Cardiac Surgery</i> , Vol. 10, pp. 295-297, 1995	
		Cohn, Jay N., M.D., <i>The Management of Chronic Heart Failure</i> , <i>The New England Journal of Medicine</i> , Vol. 335, No. 7, pp. 490-498, August 15, 1996	
		Application for U.S. Letters Patent Serial No. 09/952,145 filed September 10, 2001 published on February 14, 2003 as Pub. No. 02-0019580-A1; Inventors: Lau et al.	
		Application for U.S. Letters Patent Serial No. 10/314,696 filed December 9, 2002 published on April 3, 2003 as Pub. No. 03-0065248-A1; Inventors: Lau et al.	
		Provisional Patent Application Serial No. 60/486,062 filed July 10, 2003; Inventors: Hong et al.	
		Application for U.S. Letters Patent Serial No. 10/698,237 filed October 31, 2003 published on July 29, 2004 as Pub. No. 04-0147805-A1; Inventor: Lau	
		Application for U.S. Letters Patent Serial No. 10/704,376 filed November 7, 2003; Inventor: Lau	
		Application for U.S. Letters Patent Serial No. 10/715,150 filed November 17, 2003 published on March 10, 2005 as Pub. No. 05-0055032; Inventor: Lau	
		Provisional Patent Application Serial No. 60/535,888 filed January 12, 2004; Inventors: Fishler et al.	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

fibrosis, which is marked by collagen deposition leading to scarring. Consequently, an implant with less surface area in contact with the epicardium tends to generate less fibrosis on the surface of the heart. Excessive fibrosis can lead to a constrictive pericarditis and, ultimately, to elevated venous pressures with disastrous consequences.

5 Nitinol is especially suitable for the construction of the harness 4. It has the advantageous capability of being able to remain elastic over a great range of strain, up to 4%, which is greater than other metals. It generates a relatively benign foreign body response from tissue, and it is relatively magnetic-resonance-imaging-compatible, as it is not highly ferromagnetic. Nitinol is also corrosion- and fatigue-resistant. In addition,
10 metal such as Nitinol are more creep-resistant than polymeric or tissue based materials. In a passive elastic harness application, hinge 6 would be formed in an austenitic state at body temperature when no load is applied and the material is in a stress-free state. When the harness is placed on the heart, the contact pressure between the harness and the heart may stress-induce martensite within the otherwise austenitic structure.

15 The hinge elements can be made from wire, or they may be machined from sheet or tubing material, or a combination of these. In order to make such a structure out of Nitinol wire, the wire is wound and constrained in the desired configuration. It is then annealed at approximately 470°C for approximately 20 minutes to set the shape. Alternatively, Nitinol tubing can be machined with a laser to create the desired
20 structure. Another alternative is the photochemical etching of sheets of Nitinol. In both of these latter methods, a subsequent annealing can be performed.

In addition to varying the direction of elastic support, the extent of support or stiffness can be varied as well. Hinges of different shape or of different material dimensions can accomplish this. Because of the difference in compliance between the
25 left and right ventricles, it can be desirable to have the left side of the harness stiffer than the right side. This can be achieved in several ways. A harness structure can be constructed with stiffer hinges against the surface of the left ventricle than the right, as illustrated in FIG. 14. The hinges covering the left ventricle 22 are thicker, smaller, or otherwise stiffer than the hinges covering the right ventricle 24. Also shown in FIG. 14
30 are the individual strips 20 of hinges, as well as the interventricular septum 25, between left ventricle (LV) and right ventricle (RV).

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 1111) FEE TRANSMITTAL for FY 2006		Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/714,189
TOTAL AMOUNT OF PAYMENT (\$) \$100.00		Filing Date	November 13, 2003
		First Named Inventor	Lilip Lau
		Examiner Name	Samuel G. Gilbert
		Art Unit	3762
		Attorney Docket No.	PARCR 65988

METHOD OF PAYMENT (check all that apply)

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims Fee (\$)	Fee Paid (\$)
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_____ - 20 or HP = _____ x \$25.00 = \$0.00

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If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

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\$100.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	30,664	Telephone	(310) 824-5555
Name (Print/Type)	JOHN S. NAGY, ESQ.			Date	September 1, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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